

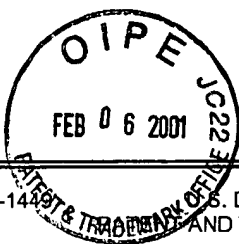
FORM PTG-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 4172-3	SERIAL NO. 09/678,202
	APPLICANT BAR-OR et al.	
	FILING DATE September 29, 2000	GROUP ART 1653

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
<i>OK</i>	1	4,025,499	5/24/77	Thomas	260	112.5	
	*2	4,461,724	7/24/84	Konishi	260	112.5	
	3	4,591,648	5/27/86	Jones et al.	548	344	
	*4	4,665,054	5/12/87	Pickart	514	18	
	5	4,684,624	8/4/87	Hosobuchi et al.	514	15	
	6	4,746,649	5/24/88	Raddatz et al.	514	18	
	*7	4,760,051	7/26/88	Pickart	514	6	
	*8	4,767,753	8/30/88	Pickart	514	18	
<i>OK</i>	*9	4,810,693	3/7/89	Pickart	514	18	
	*10	4,877,770	10/31/89	Pickart	514	18	
	11	4,912,118	3/27/90	Hider et al.	514	332	
	*12	5,023,237	6/11/91	Pickart	514	18	
	*13	5,059,588	10/22/91	Pickart	514	12	
	14	5,087,696	2/11/92	Parker et al.	540	465	
	15	5,101,041	3/31/92	Troutner et al.	548	518	
<i>OK</i>	16	5,104,865	4/14/92	Hider et al.	514	188	
	*17	5,118,665	6/2/92	Pickart	514	6	
	*18	5,120,831	6/9/92	Pickart	530	331	
	*19	5,135,913	8/4/92	Pickart	514	16	
	*20	5,145,838	9/8/92	Pickart	514	18	
	*21	5,164,367	11/17/92	Pickart	514	6	
<i>OK</i>	*22	5,177,061	1/5/93	Pickart	514	18	
	23	5,214,032	5/25/93	Pickart	514	16	
	24	5,227,307	7/13/93	Bar-Or et al.	436	63	
	25	5,290,519	3/1/94	Bar-Or et al.	522	61	
	26	5,252,559	10/12/93	Kronholm et al.	514	18	
	*27	5,348,943	9/20/94	Pickart	514	18	
<i>OK</i>	28	5,380,747	1/10/95	Medford et al.	514	423	
	29	5,382,431	1/17/95	Pickart	424	401	

EXAMINER <i>David L. Han</i>	DATE CONSIDERED 10/6/03
---------------------------------	----------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

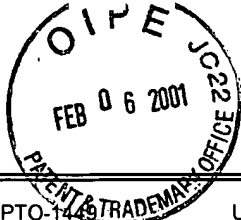


FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 4172-3	SERIAL NO. 09/678,202
	APPLICANT BAR-OR et al.	
	FILING DATE September 29, 2000	GROUP ART

OK	30	5,422,096	6/6/95	Lauffer et al.	424	9.363	
	31	5,455,229	10/3/95	Hahn et al.	514	18	
	32	5,470,876	11/28/95	Proctor	514	492	
	33	5,476,939	12/19/95	Johnson	546	141	
	34	5,503,987	4/2/96	Wagner et al.	435	7.94	
	35	5,527,522	6/18/96	Lauffer et al.	424	9.362	
	36	5,538,945	7/23/96	Pallenberg et al.	514	6	
	*37	5,550,183	8/27/96	Pickart	514	6	
	38	5,554,375	9/10/96	Pickart	424	401	
	39	5,585,466	12/17/96	Carter	530	363	
	*40	5,591,711	1/7/97	Koyama et al.	514	6	
	41	5,624,900	4/29/97	Suda et al.	514	13	
	42	5,628,982	5/13/97	Lauffer et al.	424	9.363	
	43	5,631,172	5/20/97	Johnson	436	543	
	44	5,637,311	6/10/97	Pallenberg	424	434	
	45	5,637,578	6/10/97	Riley et al.	514	186	
	46	5,639,624	6/17/97	Wagner et al.	435	7.92	
	47	5,650,134	7/22/97	Albert et al.	424	1.69	
	48	5,654,160	8/5/97	Johnson	435	7.9	
	49	5,663,301	9/2/97	Johnson	530	363	
	50	5,670,627	9/23/97	Johnson	530	388.9	
	51	5,670,645	9/23/97	Johnson	546	141	
	52	5,683,907	11/4/97	Johnson	436	518	
	53	5,710,172	1/20/98	Kukreja et al.	514	400	
	54	5,739,395	4/14/98	Bergeron, Jr.	562	565	
	55	5,770,178	6/23/98	Itaya et al.	424	1.69	
	56	5,776,892	7/7/98	Counts et al.	514	11	
	57	5,780,594	7/14/98	Carter	530	363	
	58	5,785,948	7/28/98	Itaya et al.	424	1.69	
	59	5,786,335	7/28/98	Cody et al.	514	17	
	60	5,807,535	9/15/98	Smith et al.	424	1.65	
	61	5,858,993	1/12/99	Pickart	514	60	
	62	5,874,573	2/23/99	Winchell et al.	540	465	

EXAMINER <i>David Letter</i>	DATE CONSIDERED <i>10/6/03</i>
---------------------------------	-----------------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 4172-3	SERIAL NO. 09/678,202
	APPLICANT BAR-OR et al.	
	FILING DATE September 29, 2000	GROUP ART

	63	5,888,522	3/30/99	Pickart	424	401	
	64	5,906,996	5/25/99	Murphy	514	674	
	65	5,922,761	7/13/99	Lai	514	476	
	66	5,994,339	11/30/99	Crapo et al.	514	185	
	67	6,017,888	1/25/00	Pallenberg et al.	514	19	
	68	6,004,953	12/21/99	Volpin et al.	514	185	
	69	6,022,879	2/8/00	Crow et al.	514	319	
	70	6,083,758	7/4/00	Imperiali et al.	436	73	
	71	6,084,093	7/4/00	Riley et al.	540	465	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	72	WO 91/17760	11/1991	PCT				
	73	WO 93/23425	11/1993	PCT				
	74	WO 94/26295	11/1994	PCT				
	75	WO 97/44313	11/1997	PCT				
	76	WO 97/49409	12/1997	PCT				
	77	WO 98/54138	12/1998	PCT				
	78	WO 99/39706	8/1999	PCT				
	*79	WO 00/20840	4/2000	PCT				
	*80	WO 00/20454	4/2000	PCT				
	81	WO 00/36136	6/2000	PCT				
	82	327263	1/1989	EPO				
	83	719790	12/1995	EPO				

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

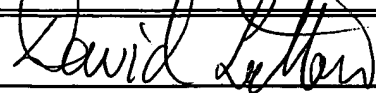
	84	Adman, <i>Advances in Protein Chemistry</i> , 42:145-197 (1991)
	*85	Aitken, <i>Mol. Biotech.</i> , 12:241-253 (1999)
	86	Ames et al., <i>Proc. Natl. Acad. Sci. USA</i> , 90:7915-7922 (1993)

EXAMINER 	DATE CONSIDERED 10/6/03
--------------	----------------------------

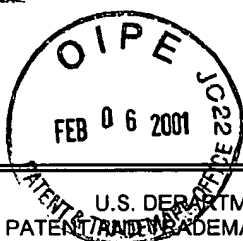
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTOS 1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 4172-3	SERIAL NO. 09/678,202
	APPLICANT BAR-OR et al.	
	FILING DATE September 29, 2000	GROUP ART

87	Atanasiu et al., <i>Mol. Cell. Biochem.</i> , <b>189</b> :127-135 (1998)	
88	Atwood et al., <i>J. Biol. Chem.</i> , <b>273</b> (21):12817-12826 (1998)	
89	Aust, <i>Bibl. Nutr. Dieta.</i> Basel, Karger, No. 43, pp. 266-277 (1989)	
*90	Bal et al., <i>Chem. Res. Toxicol.</i> , <b>10</b> (8):906-914 (1997)	
*91	Bal et al., <i>Chem. Res. Toxicol.</i> , <b>10</b> :915-921 (1997)	
92	Beaulieu et al., <i>J. Cerebral Blood Flow and Metabolism</i> , <b>18</b> :1022-1031 (1998)	
93	Belayev et al., <i>J. Neurotrauma</i> , <b>16</b> (6):445-453 (1999)	
94	Bossu et al., <i>Inorganic Chemistry</i> , <b>17</b> (4):1034-1042 (1978)	
95	Bourdon et al., <i>FASEB J.</i> , <b>13</b> :233-244 (1999)	
96	Buranaprapuk et al., <i>Biochim Biophys Acta</i> , <b>1387</b> :309-316 (1998)	
97	Calabrese et al., <i>Biochem. J.</i> , <b>238</b> :291-295 (1986)	
98	Canter et al., <i>FEBS</i> , <b>325</b> (1,2):39-48 (1993)	
99	Chakrabarti, <i>Protein Engineering</i> , <b>4</b> (1):57-63 (1990)	
*100	Chan et al., <i>Eur. J. Biochem.</i> , <b>227</b> :524-528 (1995)	
*101	Cotelle et al., <i>J. Inorganic Biochemistry</i> , <b>46</b> :7-15 (1992)	
102	Das et al., <i>Methods in Enzymology</i> , <b>233</b> :601-611 (1994)	
103	Davies, <i>J. Biol. Chem.</i> , <b>262</b> (20):9895-9901 (1987)	
104	Davies, <i>J. Biol. Chem.</i> , <b>262</b> (20):9902-9907 (1987)	
105	Davies, <i>J. Biol. Chem.</i> , <b>262</b> (20):9908-9913 (1987)	
106	Davies, <i>J. Biol. Chem.</i> , <b>262</b> (20):9914-9920 (1987)	
107	Dunphy et al., <i>Am. J. Physiol.</i> , <b>276</b> :H1591-H1598 (1999)	
108	Farkas et al., <i>J. Chem. Soc. Dalton Trans.</i> , pp. 611-614 (1984)	
109	Florence, <i>Australian and New Zealand J. Ophthalmol.</i> , <b>23</b> (1):3-7 (1995)	
110	Fu et al., <i>Biochem. J.</i> , <b>333</b> :519-525 (1998)	
111	Gutteridge et al., <i>Biochim. Biophys. Acta</i> , <b>759</b> :38-41 (1983)	
112	Halliwell and Gutteridge, "Free Radicals in Biology and Medicine" pp. 1-21 (2nd ed. Clarendon Press - Oxford 1989)	
113	Halliwell et al., <i>Arch. Biochem. Biophys.</i> , <b>280</b> (1):1-8 (1990)	
114	Halliwell et al., <i>Arch. Biochem. Biophys.</i> , <b>246</b> (2):501-514 (1986)	
*115	Harford et al., <i>Acc. Chem. Res.</i> , <b>30</b> :123-130 (1997)	
116	He et al., <i>Biochemistry</i> , <b>38</b> :9704-9711 (1999)	
117	Hirose et al., <i>Biochim. Biophys. Acta</i> , <b>1296</b> :103-111 (1996)	
118	Hisatomi et al., <i>Transplantation</i> , <b>52</b> (4):754-755 (1991)	
119	Huh et al., <i>Brain Res.</i> , <b>804</b> :105-113 (1998)	

EXAMINER 	DATE CONSIDERED 10/6/03
---	----------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

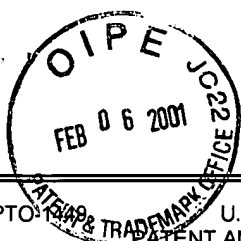


FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 4172-3	SERIAL NO. 09/678,202
	APPLICANT BAR-OR et al.	
	FILING DATE September 29, 2000	GROUP ART

120	Keller et al., <i>Chem. Res. Toxicol.</i> , <b>6</b> :430-433 (1993)	✓
121	Kerr et al., <i>Heart Lung</i> , <b>25</b> :200-9 (1996)	✓
122	Khan et al., <i>Biochem. Pharmacol.</i> , <b>43</b> (9):1963-1967 (1992)	
123	Knight, <i>Ann. Clin. Lab. Sci.</i> , <b>25</b> (2):111-121 (1995)	✓
124	Koch et al., <i>Chemistry &amp; Biology</i> , <b>4</b> :549-560 (1997)	
125	Kowalik-Jankowska et al., "Copper(II) Complexes with Oligopeptides Containing Serine, Methionine or Phenylalanine Residues" pp. 1184-1197 (9/24/1992)	✓
*126	Kowalik-Jankowska et al., <i>J. Inorg. Biochem.</i> , <b>66</b> :193-196 (1997)	✓
*127	Kruck et al., <i>Can. J. Chem.</i> , <b>54</b> :1300-1308 (1976)	✓
*128	Lappin et al., <i>Inorganic Chemistry</i> , <b>17</b> (6):1630-1634 (1978)	
*129	Laussac et al., <i>Biochemistry</i> , <b>23</b> :2832-2838 (1984)	✓
130	Leeuwenburgh et al., <i>Am J. Physiol.</i> , <b>274</b> :R453-R461 (1998)	
131	Legrand et al., <i>Biochimie</i> , <b>70</b> :1185-1195 (1988)	✓
132	Little et al., <i>Neurosurgery</i> , <b>9</b> (5):552-558 (1981)	
133	Loban et al., <i>Clinical Science</i> , <b>93</b> :445-451 (1997)	
134	Machonkin et al., <i>Biochemistry</i> , <b>37</b> :9570-9578 (1998)	
135	Malins et al., <i>Proc. Natl. Acad. Sci USA</i> , <b>93</b> :2557-2565 (1996)	
136	Malmström et al., <i>Curr Op. Chem. Biol.</i> , <b>2</b> :286-292 (1998)	
137	Manso, <i>Rev. Port. Cardiol.</i> , <b>11</b> (11):997-999 (1992)	
138	Maret et al., <i>Methods in Enzymology</i> , <b>226</b> :52-71 (1993)	
*139	Marx et al., <i>Biochem. J.</i> , <b>236</b> :397-400 (1985)	✓
140	Masuoka et al., <i>J. Biol. Chem.</i> , <b>268</b> (29):21533-21537 (1993)	✓
141	McGuire et al., <i>Curr. Op. Chem. Biol.</i> , <b>3</b> :138-144 (1999)	✓
142	Miller et al., <i>Arch. Biochem. Biophys.</i> , <b>295</b> (2):240-246 (1992)	✓
*143	Mlynarz et al., "α-Hydroxymethylserine (HMS) Makes HMS-HMS-His the Most Efficient Tripeptide Ligand for Cu <sup>2+</sup> Ions" (1998) Speciation 98:Abstract	✓
144	Musci et al., <i>Arch. Biochem. Biophys.</i> , <b>306</b> (1):111-118 (1993)	
145	Praticò et al., <i>J. Clin. Invest.</i> , <b>100</b> (8):2028-2034 (1997)	
*146	Predki et al., <i>Biochem. J.</i> , <b>287</b> :211-215 (1992)	✓
*147	Quinlan et al., <i>J. Pharm. Sci.</i> , <b>81</b> (7):611-614 (1992)	✓
148	Rao et al., <i>Ann. Thorac. Surg.</i> , <b>52</b> :908-12 (1991)	
149	Regan, <i>Annu. Rev. Biophys. Biomol. Struct.</i> , <b>22</b> :257-81 (1993)	
150	Regan, <i>TIBS</i> <b>20</b> , pp. 280-285 (1995)	✓
151	Remmers et al., <i>Brain Research</i> , <b>827</b> :237-242 (1999)	

EXAMINER 	DATE CONSIDERED 10/6/03
--------------	----------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1049 PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 4172-3	SERIAL NO. 09/678,202
	APPLICANT BAR-OR et al.	
	FILING DATE September 29, 2000	GROUP ART

152	Rosenthal et al., <i>Free Radical Biology &amp; Medicine</i> , 12:29-33 (1992)
153	Röth, <i>Acta Chirurgica Hungarica</i> , 36(1-4):302-305 (1997)
154	Rupp et al., <i>Biochim. Biophys. Acta.</i> , 446:151-165 (1976)
155	Russell et al., <i>Free Radical Biology &amp; Medicine</i> , 25(2):153-159 (1998)
156	Rylkov et al., <i>Eur. J. Biochem.</i> , 197:185-189 (1991)
*157	Sadler et al., <i>Eur. J. Biochem.</i> , 220:193-200 (1994)
158	Salvemini et al., <i>Science</i> , 286:304-306 (1999)
159	Si et al., <i>GLIA</i> , 21:413-418 (1997)
160	Smith et al., <i>J. Histochem. Cytochem.</i> , 46:731-735 (1998)
*161	Spencer et al., <i>J. Cardiovasc. Pharmacol.</i> , 32(3):343-348 (1998)
162	Stohs, <i>J. Basic &amp; Clin. Physiol. Pharmacol.</i> , 6(3-4):205-229 (1995)
163	Süzer et al., <i>Pharmacol. Res.</i> , 37(2):97-101 (1998)
*164	Ueda et al., <i>J. Inorgan. Biochem.</i> , 55:123-130 (1994)
*165	Ueda et al., <i>Chem. Pharm. Bull.</i> , 43(2):359-361 (1995)
*166	Ueda et al., <i>Free Radical Biology &amp; Medicine</i> , 18(5):929-933 (1995)
167	Whittall et al., <i>Protein Science</i> , 9:332-343 (2000)
168	Wolff et al., <i>TIBS</i> 11, pp. 27-31 (1986)
169	Wysocki et al., <i>Coronary Artery Disease</i> , 4:645-647 (1993)
170	Yamada et al., <i>Biochem. Mol. Biol. Intl</i> , 46(4):733-738 (1998)

EXAMINER David L. Han	DATE CONSIDERED 10/6/03
--------------------------	----------------------------

\*EXAMINER: Initial if reference considered, wh ther or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.